The exclamation mark inside an equilateral triangle is intended to remind the user: Please note the important operating and maintenance (servicing) instructions in the manual that comes with the equipment.

Precaution: To prevent electric shock, please do not use a two-prong plug with an extension cord, receptacle or other power supply outlet, unless the plug is completely inserted to prevent prong exposure.

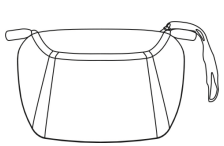
Warning: In order to reduce the risk of fire or electric shock, please do not expose this equipment to rain or humid environments.

IMPORTANT IPD-4500 SAFETY INSTRUCTIONS

1. Please read all safety and operating instructions before operating the equipment.
2. Please retain the operating instructions in a safe place for future reference.
3. All warnings on the equipment and in the operating instructions should be heeded.
4. All operating instructions and use should be complied with.
5. Moisture and humidity – Please do not use this equipment in or near a bathtub, washbasin, kitchen sink, damp basement or swimming pool.
6. Outdoor use – Warning: In order to reduce the risk of fire or electric shock, please do not expose this equipment to rain or humid environments.
7. Location – the equipment should be installed in a stable location.
8. Ventilation – The location or position of installation should not affect normal ventilation. For example, the equipment should not be placed on a bed, sofa, carpet, or similar surface, since that may block the air vents; it also should not be placed in an enclosed space, such as an unventilated bookcase or cabinet, etc.
9. Heat sources – The equipment should be kept far away from electric heaters, radiators, ovens, or other heat generating equipment (including waste heat from other equipment).
10. Power supply – The power supply to which the equipment is connected should be of the type described in the operating instructions or identified on the equipment itself.

11. Protecting the power cord – The power cord should be arranged so that it will be protected as much as possible from being walked on, crushed, or squeezed by other objects. Special attention should be paid to the plug cord, convenient socket cord, and their attachment outside of the equipment.
12. Grounding or polarization – There should be proper preventive measures for grounding and polarization to prevent electrical problems.
13. Cleaning – The equipment should only be cleaned using a polishing cloth or a soft dry cloth. Never clean this equipment using furniture wax, benzene, pesticide, or any other liquid with volatile solvents as they will corrode the unit.
14. Periods of disuse – If this equipment is not to be used for a long time, the power cord should be unplugged from the socket.
15. Lightning and thunderstorm weather – In lightning and thunderstorms, please unplug the special adaptor plug.
16. Intrusion of foreign objects or liquids – Be careful to prevent foreign objects and liquids from entering openings in the external casing.
17. Accessories – Only use attachment accessories.
18. Service is required in case of the following types of damages, at which time the equipment will need to be serviced by designated professional service personnel:
    - Damage to the power cord or plug
    - Foreign objects falling into or liquid splashing into the equipment.
    - The equipment being exposed to rain.
    - The equipment not working normally or having noticeable changes in its performance.
    - The equipment being dropped or the external casing damaged.
19. Servicing – The user should not attempt servicing. Servicing should be handled by qualified service personnel or a distributor.

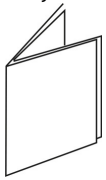
Contents of the package


IPD-4500 system main unit

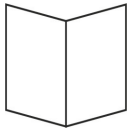
Power supply adaptor

Stereo sound cable

Remote control

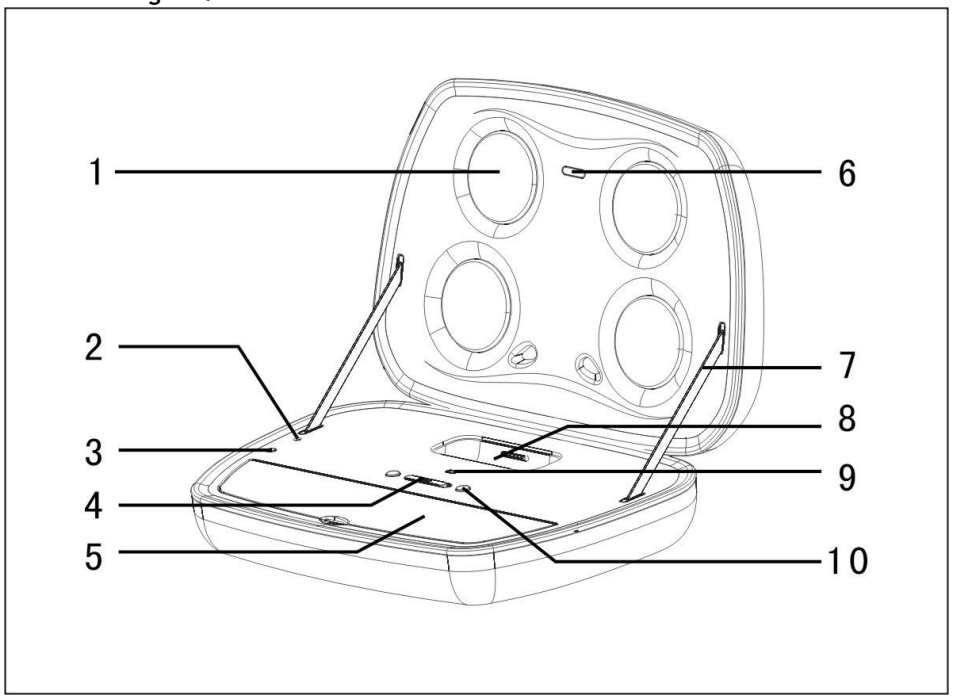

Instructions

Quick use guide


Warranty card

- IPD-4500 portable speaker system main unit
- External 9 V DC@ 2 A power supply adapter
- Ø 3.5 mm stereo sound cable
- Remote control
- Manual
- Quick use guide
- Warranty card

IPD-4500 Diagram:



1. Speaker unit
2. External power supply jack
3. Audio source input jack
4. Power switch
5. Battery/headphone/remote control storage compartment
6. Remote control signal receiving window
7. Hinge
8. iPod®/iPhone® 30PIN socket
9. Battery indicator light
10. Sound volume control button

Placement of the IPD-4500 system

It is best to place the IPD-4500 system on a horizontal flat surface close to you (1-2.5 meters). The IPD-4500 system can be placed near video display equipment such as a television and computer monitor without resulting in graphic distortion.

iPod®/iPhone® connection

Warning: Ensure that the IPD-4500 system is in the POWER OFF mode before making any connections and before docking the iPod®/iPhone® into the IPD-4500 system. In order to guarantee that the system works properly on first use, please carefully follow the connection sequence as described below and in the order indicated.

An iPod®/iPhone® model with a 30PIN connector can be directly inserted into the special socket in the IPD-4500 system, while for an iPod®/iPhone® model without a 30PIN connector or any other kind of player, a 3.5 mm stereo cable is used to connect with the AUDIO IN port on the operating panel of the IPD-4500 system, thus accomplishing a signal input connection between the player and the IPD-4500 system.

The IPD-4500 system can be used when either of these connections is completed and it has been confirmed that the built-in rechargeable batteries have sufficient power or there is an external power supply.

Power supply

Power for the IPD-4500 system can be supplied from the built-in rechargeable batteries provided inside the main unit or from an external AC power source through an external 9 V DC@ 2A power supply adapter.

Confirm that the iPod®/iPhone® has been correctly linked to the IPD-4500 system, plug the barrel plug of the power supply adapter into the jack marked on the operating panel of the IPD-4500 system, and plug the power supply plug into an AC receptacle, and you can begin to use the IPD-4500 system.

Power supply from the rechargeable batteries:
There are four rechargeable batteries built into the IPD-4500 system that can be charged and used repeatedly. If the rechargeable batteries have sufficient charge, you can connect an iPod®/iPhone® to the IPD-4500 system and begin to use the IPD-4500 system.

To play

Slide the power switch OFF ON on the panel of the IPD-4500 system to the farthest right “ON” position to supply power to the IPD-4500 system. The green indicator light on the switch will turn on.

Turn on the iPod®/iPhone®, and select and play your favorite music.

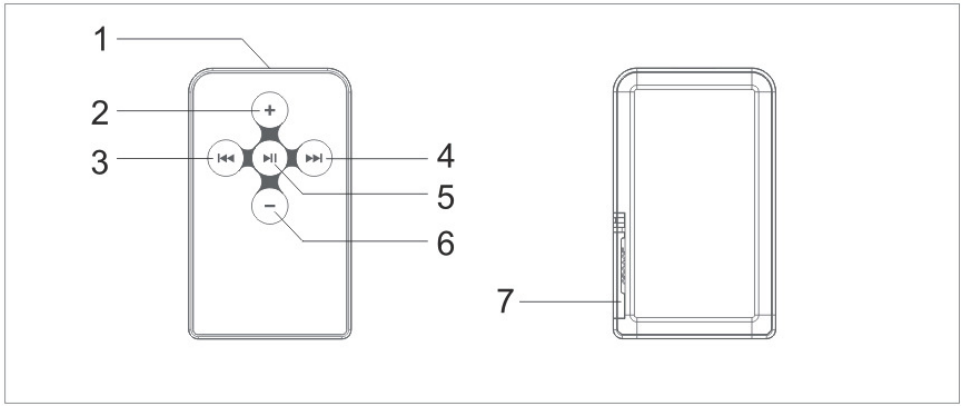
Volume control

The − + keys on the panel of the IPD-4500 system control the volume of the sound system. Press and hold the "+" key to increase the volume, and press and hold the "-" key to turn down the volume. Each time the power is turned back on, the system will automatically set the play volume at around 40% of the maximum volume to prevent too high a volume when the unit is started and to keep others from being disturbed.

Use of the remote control

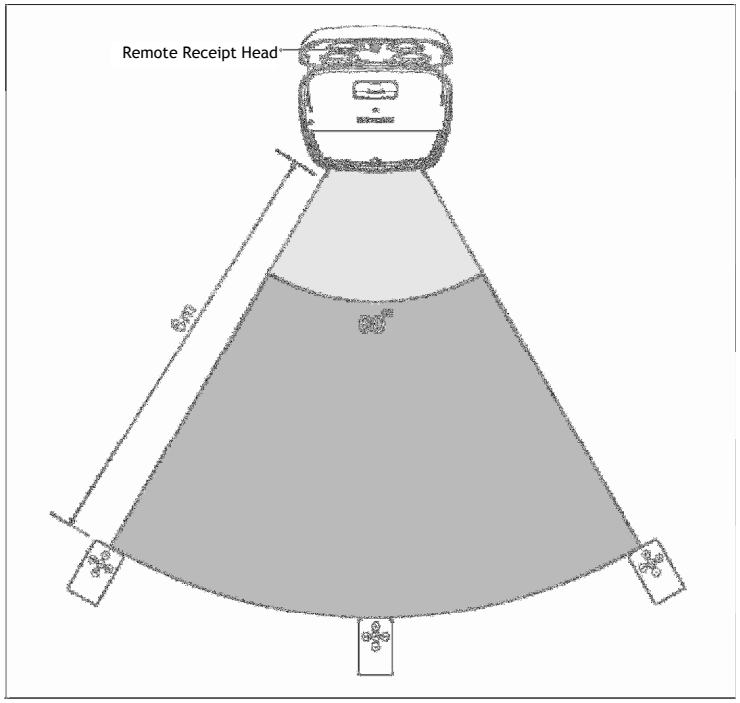
The IPD-4500 system comes with a special remote control which you can use for normal operation of the iPod®/iPhone® player and IPD-4500 system:

A. The remote control is located in the storage compartment of the IPD-4500 when it is delivered from the factory and can be found by opening the compartment cover; for details concerning removing the remote control and storing it in the IPD-4500 system, please read the quick use guide;
B. The features of the special remote control for the IPD-4500 system fully realize the basic functions required for an audio system; it uses one CR2025 button battery as the power supply; see the quick use guide for details concerning replacing the battery;



1. Infrared Transmitter Head
2. +: Volume+
3. ⏮ Previous: When playing songs with an iPod®/iPhone®, press the ⏮ key once to jump to the previous song. Hold down the ⏮ key for a longer time to rewind the song that is being played.
4. ⏭Next: When playing songs with an iPod®/iPhone®, press the ⏭ key once to jump to the next song. Hold down the ⏭ key for a longer time to fast-forward the song that is being played.
5. ⏯: Play/Pause iPod®/iPhone®
6. − : Volume-
7. Battery compartment cover

C. When using the remote control, please make sure that the infrared transmission head of the remote control is pointing at the remote control receiving window on the IPD-4500 system; the effective range of the remote control is 6 M, and the effective angle is 60°. The shadowed area shown in the drawing represents the effective control zone.



D. When not using the remote control, put it in the storage compartment to prevent loss. Exchange the button battery when the battery power is not sufficient. If the remote control will not be used for a long period, remove the battery from the remote control.

Turn off the power

In order to minimize power consumption, set the power switch to the "OFF" position

after using the equipment to turn off the power.

Automatic standby

When the power switch is set to the "ON" position, if there is no audio signal, for approximately five minutes, the IPD-4500 system will automatically shut off the system power to enter the standby mode. In standby mode, the indicator light on the power switch will flash green

, and when the audio signal resumes, press the power key on the remote control again, or move the power switch on the IPD-4500 system to the “ON” position again after setting the power switch to “OFF” position, and the IPD-4500 system will be ready to play.

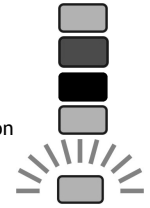
Although this mode can reduce power consumption, it does not completely shut off the IPD-4500 system. In order to minimize power drain, it is recommended that the power switch be set to the "OFF" position if the IPD-4500 system is not to be used for a long time.

Built-in NI-MH rechargeable batteries

1. There are Nickel metal hydride rechargeable batteries built into the IPD-4500 system.
Plug the barrel plug on the adapter into the jack marked on the operating panel of the IPD-4500 system, and then plug the external 9 V DC@ 2A power supply adapter into an AC wall outlet. After this connection is completed, the rechargeable batteries in the IPD-4500 system can be charged whether the system is being played or not. If there is an iPod®/iPhone® with a 30PIN connector connected to the iPod®/iPhone® socket of the IPD-4500 system, then the iPod®/iPhone® can be charged at the same time.

2. The LED light between the **power switch** on the panel of the IPD-4500 system **and the** iPod®/iPhone® **socket** is the **charger power level indicator light**.
In the OFF mode:
a. When the AC IN cord is not plugged in: the light is off
b. When the AC IN cord is plugged in: if the power level is sufficient — the light is off

Charging - the green light flashes
In the ON mode:
a. When the AC IN cord is not plugged in: if the startup power level is sufficient for normal use — the green light is on
Warning of insufficient power level — the red light is on
The power is depleted — the light is off.
b. When the AC IN cord is plugged in, if the power level is sufficient — the green light is on



Charging — the green light flashes

Signs of abnormal battery activity:

a. When the unit is not plugged into an external power supply, no power is available to the IPD-4500 - or the power light is off.

b. When the IPD-4500 is plugged into an external power supply - The red light flashes.

Note: "Abnormal battery condition" refers to an abnormal state caused by improper installation or use of the battery or other problems including damage to the battery, incorrect battery polarity, lack of a battery or end of life of the battery.

3. A battery protection feature is provided with the IPD-4500 system, and when the "warning, needs charging" red indicator light is on, it indicates that the system will enter the automatic shut-off mode and needs to be charged before it can be restarted for use. In this case the system may exhibit distorted sound or abnormal functioning and the battery needs to be fully recharged before operating the IPD-4500. The system should return to normal after charging.

4. When the IPD-4500 system is charging, the power level indicator light is green and flashes. When the indicator light is green but does not flash anymore, this shows that there is sufficient power. In normal conditions, it takes about 7 hours from [red light] to [green light] when the power switch is set to the “ON” position, and it takes 4.5 hours to finish charging when the power switch is set to the “OFF” position.

When using the NI-MH as the power supply, in normal use the duration of IPD-4500 continuous play depends on the volume at which the music is played. At normal volume, it can be operated continuously for over 8 hours.

5. If the internal rechargeable batteries cannot be recharged or the playing time is extremely short, it indicates that the service life of the batteries have ended, and they need to be replaced with new batteries. (Please refer to the battery replacement instructions.)

6. Due to the intrinsic limitations of rechargeable batteries, we would like to make users aware of the following:

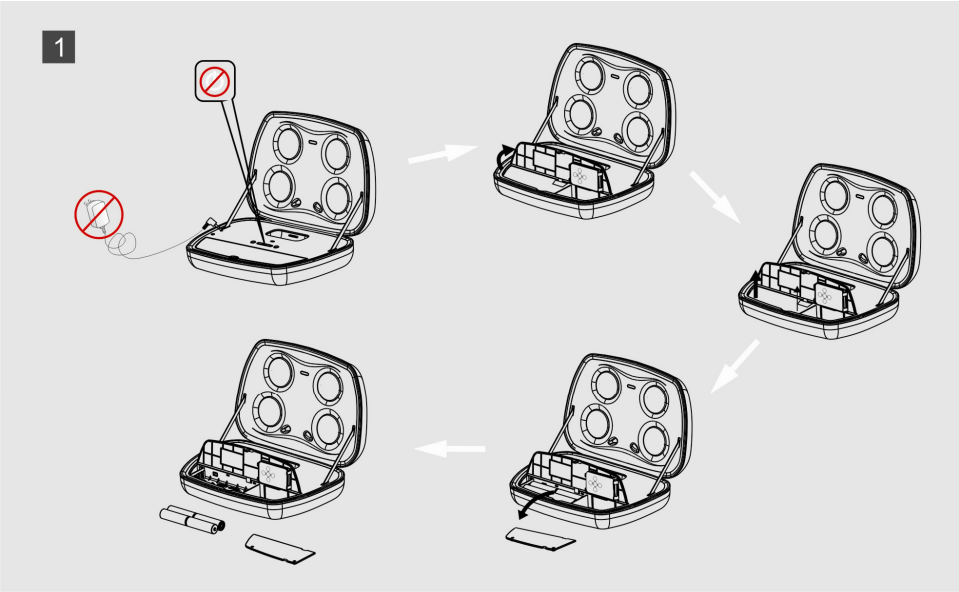
- Do not expose the batteries to heat or place them over an open flame. Otherwise, the batteries will leak or explode.
- Do not disassemble the batteries. The alkaline liquid inside is highly corrosive and may cause injury.
- Do not short-circuit the batteries.
- Do not place the batteries in a closed container.
- Do not swallow the batteries.
- Do not use the batteries with reversed polarities.
- Do not mix old and new batteries. In particular, do not mix with nickel-cadmium batteries, dry cell batteries, etc.
- Do not use a battery if it is leaking, is deformed, or has other abnormalities.
- Do not place the batteries in water, which will affect their performance.
- If the main unit will not be used for a long time, remove the batteries from the main unit. During long-term storage, charge and discharge the batteries once a month.
- Use the batteries after they are fully charged. Do not charge batteries at temperatures lower than 0°C or higher than 40°C. Do not charge or discharge batteries using current not of the specified range.
- Keep the batteries away from infants and children. Do not let a child use the batteries unless he or she understands how to use them correctly.
- If it is necessary to change two or more batteries at the same time, please fully charge all of the batteries before use and store the batteries in a cool, dry place. Storage conditions: Batteries should be stored in an environment with a temperature of 10-35°C and humidity ≤ 80%. The temperature for long-term storage (3 months or longer) should be 10-25°C.
- Do not forcefully strike, shake, or press the batteries.

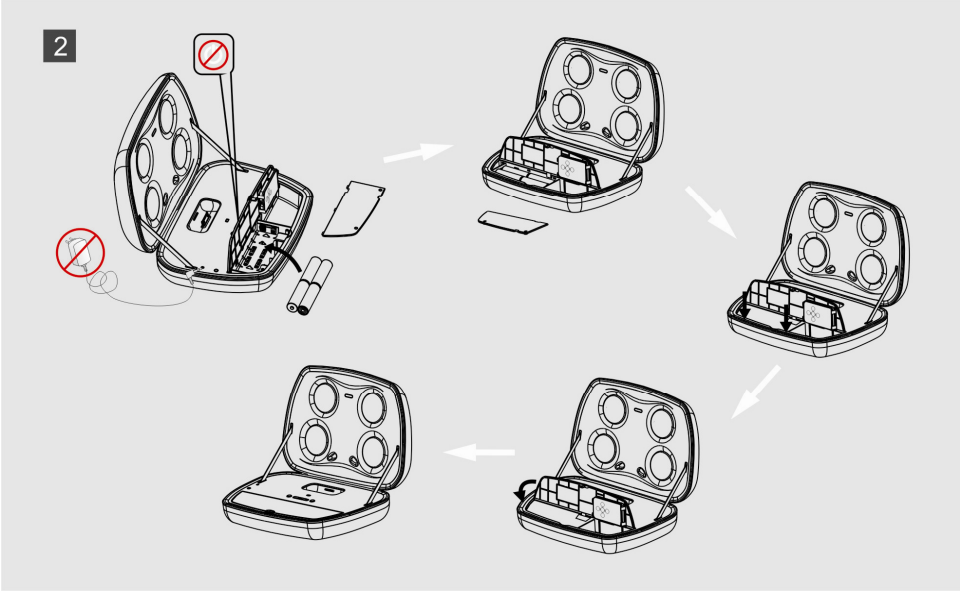
7. Specifications of the batteries:
Nominal Voltage: 4.8V (AA 1.2V * 4 each)
Nominal Capacity: 1500mAh/each
GB/T15100.2-2003/IEC61951-2:2003

If at any time in the future you should need to dispose of this product please note that: Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice. (Waste Electrical and Electronic Equipment Directive)

Replacement of the built-in rechargeable batteries

To replace the rechargeable batteries, please remove and install the components according to the steps shown in the drawing.





Specifications of the system

The outstanding sound quality of the IPD-4500 is the result of our excellent design, the use of special high-fidelity loudspeakers, an entirely new equalizing circuit, patented bass boost technology, and also a perfect combination of the following specifications:

Power output:	≥ 3 W*2 (10% distortion, 1 KHz)
Impedance:	8 Ω
Speaker units:	1.5" full-range speaker * 2

Troubleshooting

Problem	Possible cause	Solution
The power indicator light is not on (when using AC)	AC receptacle is not functioning or is not on.	Plug another device into the AC receptacle to confirm the AC receptacle is working, and mare sure the AC receptacle is switched on.
	The universal power supply cord has not been connected to the AC receptacle, and/or the power supply connector has not been plugged into the power supply jack on the operating panel of the IPD-4500 system.	Plug the power supply plug into the AC receptacle and plug the power supply connector into the power supply jack.
	Power switch is not set to the “ON” position.	Slide the power switch to the “ON” position.
Speakers are mute.	Volume is set too low.	Press the “+” button to increase the volume.
		Check volume level on alternate audio source device and set at mid-level.
	iPod®/iPhone® is not seated into the docking station properly.	Remove iPod®/iPhone® and re-seat it in the docking station.
	Ø 3.5 mm stereo cable is connected to wrong output on audio source when not using docking station.	Make sure the 3.5 mm stereo cable is connected and fully inserted in the “line-out”, “audio out” or the headphone jack on your sound card or another audio source.
	Problem with audio source.	Connect another player to check if the player is not working.
Popping sound from the loudspeaker or sound distorted.	Improper connection.	Check whether the iPod®/iPhone® is seated in the docking station. Check whether the 3.5 mm stereo cable has been connected properly. Make sure that it is connected to the "line-out" (line output), "audio-out" (audio output) or the headphone jack on the sound card or other audio source, instead of the "speaker-out" (loudspeaker output).
	There is something wrong with the audio source.	Unplug the stereo cable on the audio source equipment and then plug it into the headphone jack of another audio source (such as a Walkman, Discman, or FM radio).

Problem	Possible cause	Solution
	Volume in the operating system is set too high.	Check the volume of the operating system, and reduce it if necessary.
	Distortion from the audio source.	The sound quality of .WAV and .MID files is often poor, so that distortion and noise are likely when high-power loudspeakers are used. Try another audio source, such as a music CD.
	Volume in the operating system is set too high.	Check the volume of the operating system, and reduce it if necessary.
	Battery power is insufficient when the unit is not plugged into an external power supply	Recharge or replace the battery, or plug into an external power supply.
	The unit is too close to a radio tower.	Move the loudspeakers to see if the interference disappears. You can buy a shielded cable at your local electronics store.
The remote control does not work.	The remote control is beyond the effective control range.	Move the remote control into the effective control range.
	There is a blocking object between the IPD-4500 system and the remote control.	Move the blocking object or move the remote control to within the effective control range without anything blocking it.
	The remote control battery is dead.	Replace the battery (See the quick use guide for details concerning the procedural steps).

Problem	Possible cause	Solution
	Direct exposure to sunlight or other light (coming from the inverter-type fluorescent lamp) affects the sensor of the remote control of this machine.	Reposition the IPD-4500 system